

ABSTRACT OF THE DISCLOSURE

A bow sight system includes a bow sight assembly adjustably mounted to a base plate. The bow sight can include a conventional forward sight, such as a pin sight and a V shaped rear sight. Sighting through the V shaped rear sight groove will allow the archer to see the forward sight if the bow and archer are in proper alignment. A misalignment will cause the groove to obscure the archer's view of the forward sight preventing a misaligned shot. Unlike prior art peep sights, the V groove rear sight allows the archer to have an almost unlimited view of the target field such that the archer can quickly acquire a target. Illuminated alignment marks positioned on either side of the V groove ease the archer's ability to aim in low light conditions. The rear sight can also obscure unused pins of a multiple pin front sight and can also give an indication of target distance based on the number of pins of a multiple pin system visible. The rear sight can be retrofit to an existing bow with a forward sight or can be original equipment on a new bow.